

Attorney Docket No.: P-4333-US3

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MAY 22 2008**REMARKS/ARGUMENTS**

The present Amendment and Response is intended to be fully responsive to all points of objection and/or rejection raised by the Examiner and is believed to place the application in condition for allowance. Favorable reconsideration and allowance of the application is respectfully requested.

Status of Claims

Claims 43-47 and 49-52 are pending in the application. Claims 43-47 and 49-52 have been rejected.

In response, Claim 43 has been amended, and new claims 53-57 have been added. Applicant asserts that the present invention is new, non-obvious and useful. No new matter has been added.

CLAIM REJECTIONS**35 U.S.C. § 103 Rejections over Saito et al.
in view of Fukahara et al., Honda et al. and Kim et al.**

In the final Office Action, the Examiner rejected claims 43-46 and 49-52 under 35 U.S.C. § 103(a), as being unpatentable over Saito et al. (U.S. Patent No. 6,184,922 B1) in view of Fukahara et al. (U.S. Patent No. 6,501,862), Honda et al. (U.S. Patent Application Publication No. 2004/0225223) and Kim et al. (U.S. Patent No. 6,314,211).

Applicant has made amendments to independent claim 43 to include the limitation that the "selected image data has been compressed using a dilution pattern". This amendment finds support in the specification as filed at page 10, lines 3 - page 12, line 9. In view of this amendment, Applicant respectfully traverses the rejection.

Applicant asserts that Saito, Fukuhara, Honda and Kim do not teach or suggest, either alone or in combination, a system for reconstructing an image, comprising a controller to receive from an in-vivo device selected image data that has been compressed using a dilution pattern, as required by Applicant's amended independent claim 43. None of Saito, Fukuhara, Honda or Kim teaches or suggests any image reconstruction system wherein a controller receives selected image data that has been compressed using a dilution pattern, and therefore a combination of Saito, Fukuhara, Honda and Kim does

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not teach or suggest a controller to receive an image that has been compressed using a dilution pattern. Applicant therefore asserts that independent claim 43 as amended is allowable over Saito in view of Fukuhara, Honda and Kim.

As discussed above, independent claim 43 as amended is patentable over Saito in view of Fukuhara, Honda and Kim. Each of claims 44, 45 and 49-52 is dependent on amended independent claim 43 and includes all the limitations of this claim. Therefore, dependent claims 44, 45 and 49-52 are likewise allowable.

New claims 53-57 are added herein to specify and define the dilution pattern according to which the selected image data that the controller is to receive from an in-vivo device has been compressed. New claim 53 specifies that the dilution pattern used to compress the selected image data comprises selecting every n^{th} pixel in each row for transmission, and claims 54 and 55 require that all pixels chosen in any row represent the same color and that $n = 4$, respectively. New claim 56 specifies that the dilution pattern used to compress the selected image data is determined based on operating conditions of the in vivo device, and new claim 57 requires that the operating conditions are selected from a group consisting of: position of the in vivo device, pH, temperature, ambient lighting or color conditions. These new claims find support in the specification as filed at page 11, line 6 - page 12, line 9.

As discussed above, independent claim 43 as amended is patentable over Saito in view of Fukuhara, Honda and Kim. Each of claims 53-57 is dependent on amended independent claim 43 and includes all the limitations of this claim. Therefore, new dependent claims 53-57 are likewise allowable. In any case, none of Saito, Fukuhara, Honda or Kim teaches or suggests any dilution pattern that is used to compress selected image data that is received by a controller in a system for reconstructing an image, and therefore a combination of Saito, Fukuhara, Honda and Kim does not teach or suggest the limitations of new claims 53-57. Applicant therefore asserts that new dependent claims 53-57 are allowable over Saito in view of Fukuhara, Honda and Kim.

In view of the above, Applicant respectfully request that the rejection of claims 43-45 and 49-52 under 35 USC §103(a) in view of Saito in view of Fukuhara, Honda and Kim be withdrawn.

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**35 U.S.C. § 103 Rejections over Saito et al
in view of Fukahara et al, Honda et al and He et al**

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In the Office Action, the Examiner rejected claim 47 under 35 U.S.C. § 103(a), as being unpatentable over Saito et al. in view of Fukahara et al., Honda et al., and Kim et al. and in further view of He et al. (U.S. Patent 6,600,517).

Claim 47, which depends on amended claim 43, recites that the controller is to post-process by color suppression. Independent claim 43 is allowable in view of the above discussion, and claim 47 includes all the limitations of amended independent claim 43. Neither Saito nor Fukuhara nor Honda nor He, either alone or in combination, teaches or suggests the system of amended independent claim 43 comprising a controller to, inter alia, post-process the selected image data by applying color suppression techniques in addition to applying a median filter. Therefore, dependent claim 47 is allowable in view of Saito, Fukuhara, Honda and in further view of He.

Conclusion

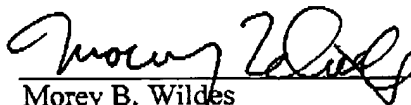
In view of the foregoing amendments and remarks, pending claims 43-45, 47 and 49-57 are allowable. Their favorable reconsideration and allowance is respectfully requested.

Should the Examiner have any questions or comments as to the form, content or entry of this Amendment, the Examiner is requested to contact the undersigned at the telephone number below. Similarly, if there are any further issues yet to be resolved to advance the prosecution of this application to issue, the Examiner is requested to telephone the undersigned counsel.

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No fees are believed to be due associated with this paper. However, if any such fees are due, please charge such fees to deposit account No. 50-3355.

Respectfully submitted,



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